

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|-------------------------------|---|------------------|---------|------------------|
| S1 | 1424 | speech and excitation and LPC | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/19 19:10 |
| S2 | 4054999 | non(2w)zero | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/19 19:13 |
| S3 | 444308 | S2 and pulse\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/19 19:12 |
| S4 | 3616298 | non(2w)zero near pulse\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/19 19:13 |
| S5 | 9131 | (non(2w)zero) near pulse\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/19 19:14 |
| S6 | 78 | S1 and S5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/20 15:41 |
| S7 | 1312 | (non(2w)zero) near excitation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/19 19:16 |
| S8 | 25 | S1 and S7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/19 19:16 |
| S9 | 99000 | (non(2w)zero) and excitation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/19 19:16 |

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|-----|------|-------------------------------|---|----|-----|------------------|
| S10 | 1148 | S1 and S9 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/19 19:16 |
| S11 | 78 | S6 and S9 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/19 19:16 |
| S12 | 1424 | speech and excitation and LPC | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/20 15:41 |
| S13 | 9131 | (non(2w)zero) near.pulse\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/20 15:41 |
| S14 | 78 | S12 and S13 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/20 15:41 |
| S15 | 16 | S14 and root | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/20 15:42 |
| S16 | 2 | S14 and (root near optimiz\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/20 15:42 |
| S17 | 1494 | speech and excitation and LPC | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/17 21:21 |
| S18 | 197 | S17 and polynomial | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/17 21:22 |
| S19 | 105 | S18 and optimiz\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/17 21:22 |

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| S20 | 15 | S18 and (joint near optimiz\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/17 21:23 |
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